



10/511680  
DTOS c'd PCT/PTO 18 OCT 2004

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: **Q84181**

**Shiro IWATANI**

Appln. No.: National Stage Entry based on PCT/JP02/12325

Confirmation No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: **October 18, 2004**

Examiner: Not yet assigned

For: **CONTROLLER OF A.C. GENERATOR FOR VEHICLES**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

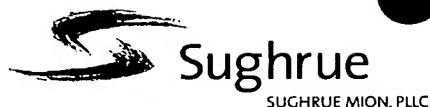
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except that no copies are provided of any U.S. patents, U.S. patent publications, and U.S. patent applications filed after June 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.



INFORMATION DISCLOSURE STATEMENT  
National Stage Entry based on PCT/JP02/12325

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: An English language abstract, submitted herewith, constitutes a concise statement of relevance for Japanese Application Patent No. 06-038720 which also corresponds to Japanese Laid-Open No. 62-104500.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

**Sughrue**

SUGHRUE MION, PLLC

**INFORMATION DISCLOSURE STATEMENT**  
National Stage Entry based on PCT/JP02/12325

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

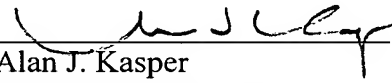
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

AJK/lck

**Date: October 18, 2004**  
Alan J. Kasper  
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**Sughrue**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

<p>Complete if Known</p> <p>Application Number</p> <p>Confirmation Number</p> <p>Filing Date</p> <p>First Named Inventor</p> <p>Art Unit</p> <p>Examiner Name</p> <p>Attorney Docket Number</p>				National Stage Entry based on PCT/JP02/12325	
				Not yet assigned	
				October 18, 2004	
				Shiro IWATANI	
				Not yet assigned	
				Not yet assigned	
				Q84181	
Sheet	1	of	1		

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,060,866	A	05/09/2000	DENSO CORP.
		US 2002/0027425	A1	03/07/2002	YOSHIHITO Asao
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2002-204600	A	07/19/2002	DENSO CORP.	
		JP	2002-84672	A	03/22/2002	MITSUBISHI ELECTRIC CORP.	
		JP	06-038720	A	05/18/1994	MITSUBISHI ELECTRIC CORP.	
		JP	62-104500	A	05/14/1987		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.